

Converting Colors

Hex(28E847)

Have a look what the booklet for
Hex(28E847) contains.

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Color

Hex(28E847)

Conversions

Conversions Part 1

Format	Color
Hex	28E847
RGB	40, 232, 71
RGB Percent	16%, 91%, 28%
CMY	0.8431, 0.0902, 0.7216
CMYK	0.83, 0.00, 0.69, 0.09
HSL	130°, 81%, 53%
HSV	130°, 83%, 91%
XYZ	30.8690, 58.6193, 15.6489
YIQ	156.2380, -62.7510, -90.7750

Conversions

Conversions Part 2

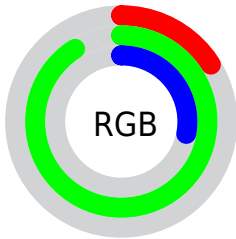
Format	Color
RYB	40, 205, 232
Decimal	2680903
CIELab	81.08, -74.77, 62.62
CIELCh	81, 97.527, 140.053
Yxy	58.6193, 0.2936, 0.5576
Android (android.graphics.Color)	4280870983 (0xFF28E847)
YUV	156.2380, -42.0223, -101.9407
Hunter-Lab	76.5632, -62.0174, 41.4758

Details

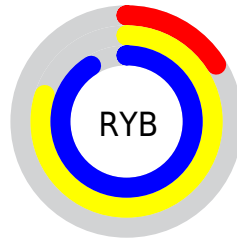
The Hex color **28E847** is a dark color, and the websafe version is hex **33FF66**. The color can be described as dark washed green. A complement of this color would be **E828C9**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **7AFF7F**, and **00AF00** is the 20% darker color. If you saturate the color by 10%, you get **11E834**, and if you desaturate by 10%, it is **3FE85A**.

Distribution



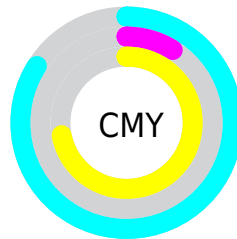
- Red (16%)
- Green (91%)
- Blue (28%)



- Red (16%)
- Yellow (80%)
- Blue (91%)



- Cyan (83%)
- Magenta (0%)
- Yellow (69%)
- Black (9%)



- Cyan (84%)
- Magenta (9%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 28E847 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 28E847 by changing the saturation by 10% instead.

 28E847

 28E847

FFFFFF

 00CB28

 7AFF7F

 00AF00

 9BFF9B

 009300

 BBFFB7

 007800

 DAFFD4

 005D00

 FAFFF2

 004400


 002B00

 000700

 000000

 28E847

 28E847

 11E834

 3FE85A

 00E825

 56E86E

 6EE881

 85E895

 9CE8A8

 B3E8BC

 CAE8CF

 E2E8E3

 F9E8F6

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



B7D700



28E847



00F0A7

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



28E847



00DDFF



FF6791

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



28E847



E828C9

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FF65EC



28E847



7ABEFF

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



28E847



00EDFF



FF91FF



FF913A

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



28E847



00F2E7



FF91FF



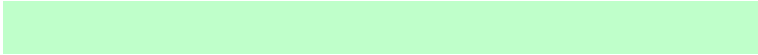
FF5FAF

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



28E847



BFFCA



CBE828



59805F



000000



808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



28E847



03FF2B



28E8A5



677369



00B31D



003308

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



E828C9



FF03D6



E8286B



736771



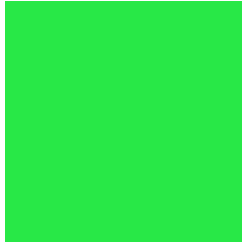
B30096



33002B

Previews

White Background



This preview shows how the Hex color 28E847 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 28E847 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 28E847 Background



This preview shows how black text looks on a background with the Hex color 28E847.

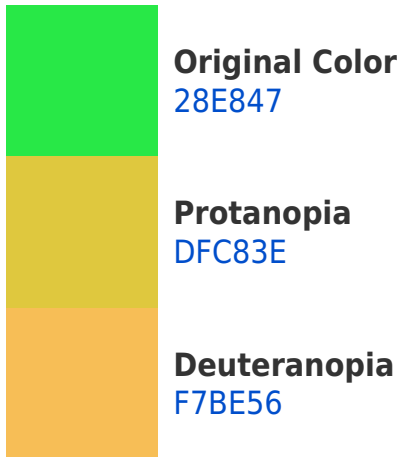


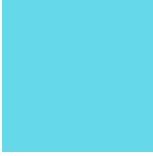
This preview shows how white text looks on a background with the Hex color 28E847.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia
65D9EA

Trichromacy



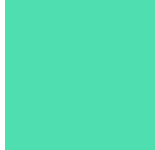
Original Color
28E847



Protanomaly
9CD441



Deuteranomaly
ACCD51

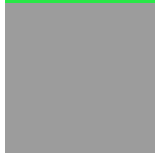


Tritanomaly
4FDEAF

Monochromacy



Original Color
28E847



Achromatopsia
9C9C9C



Achromatomaly
72B87D

CSS Examples

Text

The CSS property to change the color of the text to Hex 28E847 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #28E847 looks like.

```
.text, #text, p{  
    color:#28E847  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #28E847 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #28E847
}
```

Border

The CSS property to change the border of an element to Hex 28E847 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#28E847 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#28E847 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #28E847 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #28E847; -webkit-box-shadow:4px 4px  
4px 4px #28E847; box-shadow:4px 4px 4px  
4px #28E847 }
```

Background

The CSS property to change the background color of an element to Hex 28E847 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#28E847 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#28E847 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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